

Name: _____

p1029: Box multiplication of linear binomials (v17)

Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	$6x$	3	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
4	$24x$	12	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(3x + 2)$ and $(7x + 5)$.

*	$3x$	2	
$7x$			
5			

ANSWER:

Question 2

Use the box method to multiply $(8x - 9)$ and $(-6x + 3)$.

*	$8x$	-9
$-6x$		
3		

ANSWER:

Question 3

Use the box method to multiply $(-2x + 3)$ and $(-7x + 5)$.

*		

ANSWER: